

ARIZONA DEPARTMENT OF AGRICULTURE
DIRECTOR'S ADMINISTRATIVE ORDER

PLANT SERVICES DIVISION

PROHIBITED NOXIOUS WEEDS

DIVISION/PROGRAM: PSD

DAO 05-01

SIGNATURE



EFFECTIVE DATE

3/4/05

1. **PURPOSE**

This Order updates the list of pests in Arizona Administrative Code (A.A.C.) R3-4-245 *Prohibited Noxious Weeds*, to include *Pennisetum ciliare* (L.) Link, commonly known as buffelgrass. This will prohibit the entry of all viable plant parts from anywhere in the United States, to prevent the spread of buffelgrass, within the State of Arizona. Buffelgrass is a drought-tolerant, warm-season, perennial forage grass that is grown throughout many arid and semi-arid regions in the world. It out-competes native shrubs and cacti for water and soil nutrients. Its most serious effect is to promote fires in native ecosystems that are not fire adapted. Buffelgrass provides fuel continuity where it never existed before. Populations of the plant are expanding in southern Arizona, and now form large, burnable stands in Organ Pipe National Monument, Saguaro National Park, Ironwood Forest and Sonoran Desert National Monuments.

2. **AUTHORITY**

A. R. S. § 3-201.01 Associate director: powers and duties

3. **RESPONSIBILITY**

The Associate Director, managers and supervisors shall ensure that all employees of the Plant Services Division understand and comply with this Order.

4. **APPLICABILITY**

This Order applies to all shipments of regulated commodities from the area under quarantine.

5. **ORDER**

This Order updates the list of pests in A.A.C. R3-4-245 Section (A)(3) by adding buffelgrass, thereby prohibiting the entry of all viable plant parts from anywhere in the United States. This Order becomes effective when the Director signs it, and will remain in effect until R3-4-245 is amended through the rulemaking process. The complete text is as follows.

R3-4-245 Prohibited Noxious Weeds

A. Definition. In addition to the definitions provided in A.R.S. § 3-201, the following apply to this Director's Administrative Order:

"Habitat" means any aquatic area within Arizona, such as canals, drainage ditches, ponds, and lakes.

"Infested area" means each individual container in which a pest is found, the specific area that

harbors the pest, or any shipment that has not been released to the receiver and is infested with a pest.

"Pest" means any of the following plant species, including viable plant parts (stolons, rhizomes, cuttings and seed, except agricultural, vegetable and ornamental seed for planting purposes), that are prohibited from entering the state:

Acroptilon repens (L.) DC. -- Russian knapweed,
Aegilops cylindrica Host. -- Jointed goatgrass,
Alhagi pseudalhagi (Bieb.) Desv. -- Camelthorn,
Alternanthera philoxeroides (Mart.) Griseb. -- Alligator weed,
Cardaria pubescens (C.A. Mey) Jarmolenko -- Hairy whitetop,
Cardaria chalepensis (L.) Hand-Muzz -- Lens podded hoary cress,
Cardaria draba (L.) Desv. -- Globed-podded hoary cress (Whitetop),
Carduus acanthoides L. -- Plumeless thistle,
Cenchrus echinatus L. -- Southern sandbur,
Cenchrus incertus M.A. Curtis -- Field sandbur,
Centaurea calcitrapa L. -- Purple starthistle,
Centaurea iberica Trev. ex Spreng. -- Iberian starthistle,
Centaurea squarrosa Willd. -- Squarrose knapweed,
Centaurea sulphurea L. -- Sicilian starthistle,
Centaurea solstitialis L. -- Yellow starthistle (St. Barnaby's thistle),
Centaurea diffusa L. -- Diffuse knapweed,
Centaurea maculosa L. -- Spotted knapweed,
Chondrilla juncea L. -- Rush skeletonweed,
Cirsium arvense L. Scop. -- Canada thistle,
Convolvulus arvensis L. -- Field bindweed,
Coronopus squamatus (Forsk.) Ascherson -- Creeping wartcress (Coronopus),
Cucumis melo L. var. *Dudaim* Naudin -- Dudaim melon (Queen Anne's melon),
Cuscuta spp. -- Dodder,
Drymaria arenarioides H.B.K. -- Alfombrilla (Lightningweed),
Eichhornia azurea (SW) Kunth. -- Anchored waterhyacinth,
Elytrigia repens (L.) Nevski -- Quackgrass,
Euphorbia esula L. -- Leafy spurge,
Halogeton glomeratus (M. Bieb.) C.A. Mey -- Halogeton,
Helianthus ciliaris DC. -- Texas blueweed,
Hydrilla verticillata Royale -- Hydrilla (Florida-elodea),
Ipomoea spp. -- Morning glory. All species except *Ipomoea carnea*, Mexican bush morning glory; *Ipomoea triloba*, three-lobed morning glory (which is considered a restricted pest); and *Ipomoea aborescens*, morning glory tree,
Ipomoea triloba L. -- Three-lobed morning glory,
Isatis tinctoria L. -- Dyers woad,
Linaria genistifolia var. *dalmatica* -- Dalmation toadflax,
Lythrum salicaria L. -- Purple loosestrife,
Medicago polymorpha L. -- Burclover,
Nassella trichotoma (Nees.) Hack. -- Serrated tussock,
Onopordum acanthium L. -- Scotch thistle,
Orobancha ramosa L. -- Branched broomrape,
Panicum repens L. -- Torpedo grass,
Peganum harmala L. -- African rue (Syrian rue),
Pennisetum ciliare (L.) Link -- Buffelgrass
Portulaca oleracea L. -- Common purslane,
Rorippa austriaca (Crantz.) Bess. -- Austrian fieldcress,
Salvinia molesta -- Giant Salvinia,
Senecio jacobaea L. -- Tansy ragwort,
Solanum carolinense L. -- Carolina horsenettle,
Sonchus arvensis L. -- Perennial sowthistle,
Solanum viarum Dunal -- Tropical Soda Apple,
Stipa brachychaeta Godr. -- Puna grass,

Striga spp. -- Witchweed,
Trapa natans L. -- Water-chestnut,
Tribulus terrestris L. -- Puncturevine

- B. Area under quarantine: All states, districts, and territories of the United States except Arizona.
- C. Regulated commodities: The following regulated commodities are hosts or carriers of the pest:
1. All plants and plant parts other than those categorized as a pest;
 2. Forage, straw, and feed grains;
 3. Live or dead flower arrangements;
 4. Ornamental displays;
 5. Aquariums; and
 6. Any appliance, construction or dredging equipment, boat, boat trailer or related equipment, or any other vehicle with soil attached or carrying plant debris.
- D. The Department shall quarantine any commodity, habitat, or area infested or contaminated with a pest and shall notify the owner or carrier of the methods of removing or destroying the pest from the commodity, habitat, or area. The Department shall reject any shipment not released to the receiver and reship to the shipper.
- E. Restrictions:
1. No pest or commodity infested or contaminated with a pest shall be admitted into the state unless the Director issues a permit for the transporting or propagating of the pest.
 2. The Department shall regulate the movement of the commodity out of a quarantined area within the state until the pest is eradicated. Any shipment or lot of a commodity infested or contaminated with a pest arriving in the state in violation of this quarantine shall, according to A.R.S. § 3-205(A), be immediately reshipped from the state, or treated or destroyed using one of the following methods:
 - a. The commodity shall be fumigated with 1,500 mg/L of ethylene oxide for four hours in a chamber pre-heated to 115-125° F;
 - b. Incinerating;
 - c. Burying in a sanitary landfill to a depth of six feet;
 - d. Application of a herbicide; or
 - e. Any other treatment approved by the Director.